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DICTIONARY FILE UPDATES: 10 SEP 2006 HIGHEST RN 906318-57-8

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TSCA INFORMATION NOW CURRENT THROUGH June 30, 2006

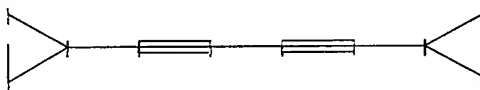
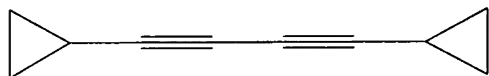
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predicted properties as well as tags indicating availability of  
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=>

Uploading C:\Program Files\Stnexp\Queries\1,4-dicyclopropyl-1,3butadiyne.str



chain nodes :

4 5 6 7

ring nodes :

1 2 3 8 9 10

chain bonds :

2-4 4-5 5-6 6-7 7-8

ring bonds :

1-2 1-3 2-3 8-9 8-10 9-10

exact/norm bonds :

1-2 1-3 2-3 8-9 8-10 9-10

exact bonds :

2-4 4-5 5-6 6-7 7-8

Match level :

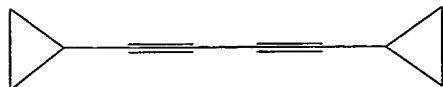
1:Atom 2:Atom 3:Atom 4:CLASS 5:CLASS 6:CLASS 7:CLASS 8:Atom 9:Atom 10:Atom

L1 STRUCTURE UPLOADED

=> d L1

L1 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s L1 full  
FULL SEARCH INITIATED 17:30:48 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - 8990 TO ITERATE

100.0% PROCESSED 8990 ITERATIONS 38 ANSWERS  
SEARCH TIME: 00.00.01

L2 38 SEA SSS FUL L1

=> file caplus  
COST IN U.S. DOLLARS SINCE FILE TOTAL  
ENTRY SESSION  
FULL ESTIMATED COST 166.94 167.15

FILE 'CAPLUS' ENTERED AT 17:30:57 ON 11 SEP 2006  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
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FILE COVERS 1907 - 11 Sep 2006 VOL 145 ISS 12  
FILE LAST UPDATED: 10 Sep 2006 (20060910/ED)

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=> s L2 fhit ibib abs  
MISSING OPERATOR L2 FHIT  
The search profile that was entered contains terms or nested terms that are not separated by a logical operator.

=> s L2  
L3 23 L2

=> d L3 1-23

L3 ANSWER 1 OF 23 CAPLUS COPYRIGHT 2006 ACS on STN  
AN 2003:42223 CAPLUS  
DN 138:109213  
TI Metal carboxylate-amine complexes as catalysts for imparting hypergolicity to rocket fuels in presence of hydrogen peroxide  
IN Dobbins, Thomas A.; Wiley, David B.  
PA Wiley Organics, Inc., USA  
SO PCT Int. Appl., 17 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003004443	A2	20030116	WO 2002-US20587	20020627

WO 2003004443 A3 20031016  
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,  
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,  
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,  
LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,  
PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ,  
UA, UG, UZ, VN, YU, ZA, ZM, ZW  
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,  
KG, KZ, MD, RU, TJ, TM, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB,  
GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA,  
GN, GQ, GW, ML, MR, NE, SN, TD, TG

TMEDA

US 2003015268	A1	20030123	US 2002-180210	20020626
US 7083690	B2	20060801		
GB 2392442	A1	20040303	GB 2004-257	20020627
GB 2392442	B2	20051012		
PRAI US 2001-302729P	P	20010703		
US 2001-344715P	P	20011024		
WO 2002-US20587	W	20020627		

L3 ANSWER 2 OF 23 CAPLUS COPYRIGHT 2006 ACS on STN  
AN 2002:577357 CAPLUS  
DN 138:55672  
TI Completely spirocyclopropanated macrocyclic oligodiacetylenes and their  
permethylated analogues: preparation and properties  
AU De Meijere, Armin; Kozhushkov, Sergei I.  
CS Institut fur Organische Chemie der Georg-August-Universitat Gottingen,  
Gottingen, 37077, Germany  
SO Chemistry--A European Journal (2002), 8(14), 3195-3202  
CODEN: CEUJED; ISSN: 0947-6539  
PB Wiley-VCH Verlag GmbH  
DT Journal  
LA English  
OS CASREACT 138:55672  
RE.CNT 39 THERE ARE 39 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 3 OF 23 CAPLUS COPYRIGHT 2006 ACS on STN  
AN 2000:540665 CAPLUS  
DN 133:266292  
TI Synthesis of 1,3-Diynes via Palladium-Catalyzed Reaction of  
1,1-Dibromo-1-alkenes  
AU Shen, Wang; Thomas, Sheela A.  
CS Department D4N6 Cancer Research Pharmaceutical Products Division, Abbott  
Laboratories, Abbott Park, IL, 60064-6101, USA  
SO Organic Letters (2000), 2(18), 2857-2860  
CODEN: ORLEF7; ISSN: 1523-7060  
PB American Chemical Society  
DT Journal  
LA English  
OS CASREACT 133:266292  
RE.CNT 35 THERE ARE 35 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 4 OF 23 CAPLUS COPYRIGHT 2006 ACS on STN  
AN 1999:74333 CAPLUS  
DN 130:202095  
TI Redox properties of functionalized fullerenes  
AU Boudon, Corinne; Gisselbrecht, Jean-Paul; Gross, Maurice; Cardullo,  
Francesca; Seiler, Paul; Isaacs, Lyle; Nierengarten, Jean-Francois;  
Haldimann, Richard F.; Diederich, Francois; Mordasini-Denti, Tiziana;  
Thiel, Walter  
CS Laboratoire d'electrochimie et de chimie physique du corps solide,  
C.N.R.S.-U.M.R. 7512 - Universite Louis Pasteur, Strasbourg, Fr.  
SO Canadian Journal of Chemical Engineering (1998), 76(6), 1008-1012  
CODEN: CJCEA7; ISSN: 0008-4034

PB Canadian Society for Chemical Engineering  
DT Journal  
LA French

RE.CNT 32 THERE ARE 32 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 5 OF 23 CAPLUS COPYRIGHT 2006 ACS on STN  
AN 1998:223266 CAPLUS  
DN 128:316543  
TI A copper(I)-complexed rotaxane with two fullerene stoppers: synthesis,  
electrochemistry, and photoinduced processes  
AU Armaroli, Nicola; Diederich, Francois; Dietrich-Buchecker, Christiane O.;  
Flamigni, Lucia; Marconi, Giancarlo; Nierengarten, Jean-Francois; Sauvage,  
Jean-Pierre  
CS Istituto di Fotochimica e Radiazioni d'Alta Energia del CNR, Bologna,  
I-40129, Italy  
SO Chemistry--A European Journal (1998), 4(3), 406-416  
CODEN: CEUJED; ISSN: 0947-6539  
PB Wiley-VCH Verlag GmbH  
DT Journal  
LA English

RE.CNT 125 THERE ARE 125 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 6 OF 23 CAPLUS COPYRIGHT 2006 ACS on STN  
AN 1996:212770 CAPLUS  
DN 124:342817  
TI Fullerene-acetylene hybrids: towards a novel class of molecular carbon  
allotropes  
AU Timmerman, Peter; Anderson, Harry L.; Faust, Ruediger; Nierengarten,  
Jean-Francois; Habicher, Tilo; Seiler, Paul; Diederich, Francois  
CS Lab. Org. Chem., ETH-Zentrum, Zurich, CH-8092, Switz.  
SO Tetrahedron (1996), 52(14), 4925-47  
CODEN: TETRAB; ISSN: 0040-4020  
PB Elsevier  
DT Journal  
LA English  
OS CASREACT 124:342817

*TMEDA/cucl<sub>2</sub> for dimeriz<sup>n</sup>*

L3 ANSWER 7 OF 23 CAPLUS COPYRIGHT 2006 ACS on STN  
AN 1995:834683 CAPLUS  
DN 124:69578  
TI Electrochemistry of mono- through hexakis-adducts of C<sub>60</sub>  
AU Boudon, Corinne; Gisselbrecht, Jean-Paul; Gross, Maurice; Isaacs, Lyle;  
Anderson, Harry L.; Faust, Ruediger; Diederich, Francois  
CS Faculte Chimie, Universite Louis Pasteur, Strasbourg, F-67008, Fr.  
SO Helvetica Chimica Acta (1995), 78(5), 1334-44  
CODEN: HCACAV; ISSN: 0018-019X  
PB Verlag Helvetica Chimica Acta  
DT Journal  
LA English

L3 ANSWER 8 OF 23 CAPLUS COPYRIGHT 2006 ACS on STN  
AN 1995:597863 CAPLUS  
DN 123:285269  
TI Synthesis of alkenyl- and alkynylcyclopropenes  
AU Haley, Michael M.; Biggs, Bluegrass; Looney, Will A.; Gilbertson, Robert  
D.  
CS Dep. of Chemistry, Univ. of Oregon, Eugene, OR, 97403, USA  
SO Tetrahedron Letters (1995), 36(20), 3457-60  
CODEN: TELEAY; ISSN: 0040-4039  
PB Elsevier  
DT Journal  
LA English  
OS CASREACT 123:285269

L3 ANSWER 9 OF 23 CAPLUS COPYRIGHT 2006 ACS on STN  
 AN 1995:580037 CAPLUS  
 DN 123:256214  
 TI Completely spirocyclopropanated macrocyclic oligodiacetylenes: the family of "exploding" [n]rotanes  
 AU de Meijere, Armin; Kozhushkov, Sergei; Haumann, Thomas; Boese, Roland; Puls, Carsten; Cooney, Mark J.; Scott, Lawrence T.  
 CS Inst. Org. Chemie, Georg-August-Univ., Goettingen, D-37077, Germany  
 SO Chemistry--A European Journal (1995), 1(2), 124-31 Published in: Angew. Chem., Int. Ed. Engl., 34(9)  
 CODEN: CEUJED; ISSN: 0947-6539  
 PB VCH  
 DT Journal  
 LA English

L3 ANSWER 10 OF 23 CAPLUS COPYRIGHT 2006 ACS on STN  
 AN 1995:546520 CAPLUS  
 DN 123:111642  
 TI Fullerene-acetylene hybrids: path to new synthetic molecular carbon allotropes  
 AU Anderson, Harry L.; Faust, Ruediger; Rubin, Yves; Diederich, Francois  
 CS Lab. Organische Chem., ETH Zentrum Univ., Zurich, CH-8092, Switz.  
 SO Angewandte Chemie (1994), 106(13), 1427-9  
 CODEN: ANCEAD; ISSN: 0044-8249  
 PB VCH  
 DT Journal  
 LA German  
 OS CASREACT 123:111642

L3 ANSWER 11 OF 23 CAPLUS COPYRIGHT 2006 ACS on STN  
 AN 1995:521991 CAPLUS  
 DN 123:33035  
 TI The reactivity of 1,3-butadiyne moieties in the "exploding" [n]rotanes - a crown of thiophenes  
 AU Kozhushkov, Sergei; Haumann, Thomas; Boese, Roland; Knieriem, Burkhardt; Scheib, Stefan; Baeuerle, Peter; de Meijere, Armin  
 CS Institut Organische Chemie Universitaet Goettingen, Goettingen, D-37077, Germany  
 SO Angewandte Chemie, International Edition in English (1995), 34(7), 781-3  
 CODEN: ACIEAY; ISSN: 0570-0833  
 PB VCH  
 DT Journal  
 LA English

L3 ANSWER 12 OF 23 CAPLUS COPYRIGHT 2006 ACS on STN  
 AN 1995:510099 CAPLUS  
 DN 122:305209  
 TI A copper(I)-complexed rotaxane with two fullerene stoppers  
 AU Diederich, Francois; Dietrich-Buchecker, Christiane; Nierengarten, Jean-Francois; Sauvage, Jean-Pierre  
 CS Lab. fuer Org. Chem., ETH-Zentrum, Zuerich, CH-8092, Switz.  
 SO Journal of the Chemical Society, Chemical Communications (1995), (7), 781-2  
 CODEN: JCCCAT; ISSN: 0022-4936  
 PB Royal Society of Chemistry  
 DT Journal  
 LA English

L3 ANSWER 13 OF 23 CAPLUS COPYRIGHT 2006 ACS on STN  
 AN 1995:130752 CAPLUS  
 DN 122:159971  
 TI Enhancement of Through-Space and Through-Bond  $\pi$ -Orbital Interactions. Syntheses and Properties of Permethylated and Perspirocyclopropanated Cyclotetradeca-1,3,6,9,12-pentayne

AU Scott, Lawrence T.; Cooney, Mark J.; Otte, Carola; Puls, Carsten; Haumann, Thomas; Boese, Roland; Smith, Amos B., III; Carroll, Patrick J.; de Meijere, Armin  
 CS Department of Chemistry, Boston College, Chestnut Hill, MA, 02167-3860, USA  
 SO Journal of the American Chemical Society (1994), 116(22), 10275-83  
 CODEN: JACSAT; ISSN: 0002-7863  
 DT Journal  
 LA English  
 OS CASREACT 122:159971

L3 ANSWER 14 OF 23 CAPLUS COPYRIGHT 2006 ACS on STN  
 AN 1995:20353 CAPLUS  
 DN 123:55394  
 TI Cyclopropyl building blocks for organic synthesis. 25. Palladium(0)-catalyzed coupling reactions of 2-alkoxy-1-ethynylcyclopropanes with aryl and ethenyl halides: preparation of cyclopropyl substituted ethynylarenes, eneynes and enediynes  
 AU McGaffin, Gregory; de Meijere, Armin  
 CS Inst. fuer Org. Chem., Georg-August-Univ., Goettingen, D-37077, Germany  
 SO Synthesis (1994), (6), 583-91  
 CODEN: SYNTBF; ISSN: 0039-7881  
 DT Journal  
 LA English  
 OS CASREACT 123:55394

L3 ANSWER 15 OF 23 CAPLUS COPYRIGHT 2006 ACS on STN  
 AN 1994:457031 CAPLUS  
 DN 121:57031  
 TI Hexaspiro[2.4.2.4.2.4.2.4.2.4.2.4.2.4]dotetraconta-4,6,11,13,18,20,25,27,34,39.41-dodecayne, an exploding [6]rotane  
 AU de Meijere, Armin; Kozhushkov, Sergei; Puls, Carsten; Haumann, Thomas; Boese, Roland; Cooney, Mark J.; Scott, Lawrence T.  
 CS Inst. Org. Che., Univ. Goettingen, Toettingen, D-37077, Germany  
 SO Angewandte Chemie (1994), 106(8), 934-6 (See also Angew. Chem., Int. Ed. Engl., 1994, 33(8), 869-71)  
 CODEN: ANCEAD; ISSN: 0044-8249  
 DT Journal  
 LA German

L3 ANSWER 16 OF 23 CAPLUS COPYRIGHT 2006 ACS on STN  
 AN 1992:621141 CAPLUS  
 DN 117:221141  
 TI Standard heats of formation of diacetylene derivatives  
 AU Luk'yanova, V. A.; Pimenova, S. M.; Timofeeva, L. P.; Kozina, M. P.; Kolesov, V. P.; Tarakanova, A. V.  
 CS Mosk. Gos. Univ., Moscow, Russia  
 SO Zhurnal Fizicheskoi Khimii (1992), 66(8), 2031-5  
 CODEN: ZFKHA9; ISSN: 0044-4537  
 DT Journal  
 LA Russian

L3 ANSWER 17 OF 23 CAPLUS COPYRIGHT 2006 ACS on STN  
 AN 1992:40820 CAPLUS  
 DN 116:40820  
 TI Chromatographic characteristics of the retention of acetylene and cyclopropane derivatives on the polar liquid phase PEG-1500  
 AU Kotel'nikova, T. A.; Garmash, A. V.; Ageev, E. P.  
 CS Mosk. Gos. Univ., Moscow, USSR  
 SO Vestnik Moskovskogo Universiteta, Seriya 2: Khimiya (1991), 32(3), 237-41  
 CODEN: VMUKA5; ISSN: 0579-9384  
 DT Journal  
 LA Russian

L3 ANSWER 18 OF 23 CAPLUS COPYRIGHT 2006 ACS on STN

AN 1991:206627 CAPLUS  
 DN 114:206627  
 TI Cyclynes. 9. Regioselective coupling of ethynylcyclopropane units:  
 hexaspiro[2.0.2.4.2.0.2.4.2.0.2.4]triaconta-7,9,17,19,27,29-hexayne  
 AU De Meijere, Armin; Jaekel, Frank; Simon, Arndt; Borrmann, Horst; Koehler,  
 Jurgen; Johnels, Dan; Scott, Lawrence T.  
 CS Inst. Org. Chem., Univ. Hamburg, Hamburg, D-2000/13, Germany  
 SO Journal of the American Chemical Society (1991), 113(10), 3935-41  
 CODEN: JACSAT; ISSN: 0002-7863  
 DT Journal  
 LA English  
 OS CASREACT 114:206627

L3 ANSWER 19 OF 23 CAPLUS COPYRIGHT 2006 ACS on STN  
 AN 1988:211429 CAPLUS  
 DN 108:211429  
 TI Heats of combustion and formation of some compounds with acetylene bonding  
 AU Pimenova, S. M.; Kozina, M. P.; Gal'chenko, G. L.; Siretskaya, T. V.;  
 Takhistov, V. V.; Kuznetsova, T. S.; Proskurnina, M. V.; Kotel'nikova, T.  
 A.  
 CS USSR  
 SO Termodinam. Organ. Soed., Gor'kii (1986) 12-16  
 From: Ref. Zh., Khim. 1987, Abstr. No. 23B3025  
 DT Journal  
 LA Russian

L3 ANSWER 20 OF 23 CAPLUS COPYRIGHT 2006 ACS on STN  
 AN 1981:550298 CAPLUS  
 DN 95:150298  
 TI Formation of unsaturated bicyclic  $\gamma$ -butyrolactone in the oxidative  
 dimerization of 2-methyl-2-ethynylcyclopropanecarboxylic acid  
 AU Shapiro, E. A.; Lun'kova, G. V.; Shteinshneider, A. Ya.; Dolgii, I. E.;  
 Nefedov, O. M.  
 CS Inst. Org. Khim. im. Zelinskogo, Moscow, USSR  
 SO Izvestiya Akademii Nauk SSSR, Seriya Khimicheskaya (1981), (5), 1164-6  
 CODEN: IASKA6; ISSN: 0002-3353  
 DT Journal  
 LA Russian

L3 ANSWER 21 OF 23 CAPLUS COPYRIGHT 2006 ACS on STN  
 AN 1979:557317 CAPLUS  
 DN 91:157317  
 TI Formation of 2-vinylcyclopropanecarboxylic acid esters in reactions of  
 alkyl diazoacetates with gaseous butadiene and synthesis of  
 2-ethynylcyclopropanecarboxylic acid from them  
 AU Dolgii, I. E.; Shapiro, E. A.; Nefedov, O. M.  
 CS Inst. Org. Khim. im. Zelinskogo, Moscow, USSR  
 SO Izvestiya Akademii Nauk SSSR, Seriya Khimicheskaya (1979), (6), 1282-6  
 CODEN: IASKA6; ISSN: 0002-3353  
 DT Journal  
 LA Russian  
 OS CASREACT 91:157317

L3 ANSWER 22 OF 23 CAPLUS COPYRIGHT 2006 ACS on STN  
 AN 1965:468252 CAPLUS  
 DN 63:68252  
 OREF 63:12536f-h  
 TI N.M.R. (nuclear magnetic resonance) spectra of substituted cyclopropanes  
 AU Vo-Quang, Liliane; Simonnin, Marie Paule  
 CS Ecole Natl. Super. Chim., Paris, Fr.  
 SO Bulletin de la Societe Chimique de France (1965), (5), 1534-8  
 CODEN: BSCFAS; ISSN: 0037-8968  
 DT Journal  
 LA French

L3 ANSWER 23 OF 23 CAPLUS COPYRIGHT 2006 ACS on STN  
AN 1965:445837 CAPLUS  
DN 63:45837  
OREF 63:8222g-h,8223a-h,8224a-c  
TI Dihaloethynylcyclopropane  
AU Vo-Quang, Liliane; Cadiot, Paul  
CS Ecole Natl. Super. Chim., Paris  
SO Bulletin de la Societe Chimique de France (1965), (5), 1418-24  
CODEN: BSCFAS; ISSN: 0037-8968  
DT Journal  
LA French

=>

---Logging off of STN---

=>

Executing the logoff script...

=> LOG Y

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	26.68	193.83

STN INTERNATIONAL LOGOFF AT 17:31:45 ON 11 SEP 2006



L3 ANSWER 8 OF 23 CAPLUS COPYRIGHT 2006 ACS on STN  
AN 1995:597863 CAPLUS <<LOGINID::20060911>>  
DN 123:285269  
TI Synthesis of alkenyl- and alkynylcyclopropenes  
AU Haley, Michael M.; Biggs, Bluegrass; Looney, Will A.; Gilbertson, Robert  
D.  
CS Dep. of Chemistry, Univ. of Oregon, Eugene, OR, 97403, USA  
SO Tetrahedron Letters (1995), 36(20), 3457-60  
CODEN: TELEAY; ISSN: 0040-4039  
PB Elsevier  
DT Journal  
LA English  
OS CASREACT 123:285269